Combined Higher Secondary Level Examination 2020 (Tier-I)

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Exam Date	13/04/2021
Exam Time	3:00 PM - 4:00 PM
Subject	Combined Higher Secondary Level Exam 2020

Section : **English Language**

Q.1 **Select the most appropriate synonym of the given word.**

RECKLESS

Ans
✗ 1. attentive
✗ 2. afraid
✗ 3. cautious
✓ 4. thoughtless

Question ID : **6549788466**
Status : **Answered**
Chosen Option : **4**

Q.2 **Select the most appropriate synonym of the given word.**

Deviate

Ans
✗ 1. Imitate
✗ 2. Replicate
✓ 3. Veer
✗ 4. Conform

Question ID : **6549787154**
Status : **Answered**
Chosen Option : **3**

Q.3 **Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.**

Who is responsible for the disorderly state of this room?

Ans
✗ 1. are responsible to
✗ 2. is responsible of
✓ 3. No substitution required
✗ 4. are responsible in making

Question ID : **6549787143**
Status : **Answered**
Chosen Option : **3**

Q.4 **Select the most appropriate ANTONYM of the given word.**

Intrepid

Ans

✗ 1. Responsive

✗ 2. Sentimental

✗ 3. Unemotional

✓ 4. Cowardly

Question ID : **6549787146**
Status : **Answered**
Chosen Option : **4**

Q.5 **The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.**

Thousands of people / in Telangana are employed on / the granite companies.

Ans

✓ 1. in Telangana are employed on

✗ 2. Thousands of people

✗ 3. No error

✗ 4. the granite companies

Question ID : **6549787134**
Status : **Answered**
Chosen Option : **1**

Q.6 **Given below are four jumbled sentences. Out of the given options, pick the one that gives their correct order.**

A. When John was five years old, a circus came to the village.

B. John saw the circus people and slipped out of the house.

C. After a long search, his father found him among the trained goats and dogs.

D. It put up its tents in front of the Town Hall.

Ans

✗ 1. BDAC

✗ 2. ABDC

✓ 3. ADBC

✗ 4. BACD

Question ID : **6549788454**
Status : **Answered**
Chosen Option : **3**

Q.7 **Select the INCORRECTLY spelt word.**

Ans
- ✗ 1. session
- ✓ 2. serpant
- ✗ 3. service
- ✗ 4. servant

Question ID : **6549788463**
Status : **Answered**
Chosen Option : **2**

Q.8 **Select the most appropriate meaning of the given idiom.**

Make big time

Ans
- ✗ 1. Earn more than needed
- ✗ 2. Reach earlier than expected
- ✓ 3. Attain fame and success
- ✗ 4. Spend more than one earns

Question ID : **6549787148**
Status : **Answered**
Chosen Option : **3**

Q.9 **Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.**

A. Mawsmai Cave is one of the most alluring tourist destinations near Cherrapunji in the northeast Indian state of Meghalaya.

B. Other sections of the cave are off the limits for tourists.

C. The cave is quite big. However, the tourists can visit it up to a distance of 150 metres only.

D. The limestone cave has spellbinding beauty and is the only cave which is naturally illuminated to let the tourists cherish natural formations.

Ans
- ✗ 1. DCAB
- ✗ 2. DBAC
- ✓ 3. ADCB
- ✗ 4. ABCD

Question ID : **6549787142**
Status : **Answered**
Chosen Option : **3**

Q.10 **Select the option that can be used as a one-word substitute for the given group of words.**

In exactly the same words as were used originally

Ans
✗ 1. Duplication
✗ 2. Repetition
✗ 3. Recurrence
✓ 4. Verbatim

Question ID : **6549787151**
Status : **Answered**
Chosen Option : **4**

Q.11 **In the given sentence, identify the segment which contains the grammatical error.**

The guards in the colony always keep an eye in things going on around.

Ans
✓ 1. an eye in things
✗ 2. The guards in the colony
✗ 3. always keep
✗ 4. going on around

Question ID : **6549788446**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.12 **Select the most appropriate word to fill in the blank.**

Can you please _____ me in sorting out these files on my computer?

Ans
✗ 1. abet
✓ 2. assist
✗ 3. hinder
✗ 4. connive

Question ID : **6549787156**
Status : **Answered**
Chosen Option : **2**

Q.13 **Select the option which means the same as the group of words given.**

One who is easily deceived

Ans
✗ 1. convertible
✗ 2. incredible
✓ 3. gullible
✗ 4. Flexible

Question ID : **6549788465**
Status : **Answered**
Chosen Option : **3**

Q.14 **Select the option that expresses the given sentence in passive voice.**

The maid was dusting the hall when the door-bell rang.

Ans

✗ 1. The door-bell rang when the maid was dusting the hall.

✓ 2. The door-bell rang when the hall was being dusted by the maid.

✗ 3. The door-bell rang by the maid when the hall was dusted.

✗ 4. The door-bell rang when the maid is dusting the hall.

Question ID : **6549787131**
Status : **Answered**
Chosen Option : **1**

Q.15 **Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution'.**

My niece pick me up from the station if she gets short leave from her office.

Ans

✗ 1. picks me up

✗ 2. will have pick me up

✗ 3. No substitution

✓ 4. will pick me up

Question ID : **6549788457**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.16 **Select the most appropriate meaning of the given idiom.**

In hot water

Ans

✗ 1. In suspense

✓ 2. In trouble

✗ 3. In advantage

✗ 4. In shower

Question ID : **6549788460**
Status : **Answered**
Chosen Option : **2**

Q.17 **Select the correct indirect form of the given sentence.**

His father said to him, "I cannot allow you to waste my hard-earned money.'

Ans

✗ 1. His father told him that I cannot allow you to waste my hard-earned money.

✗ 2. His father told him that he cannot allow you to waste his hard-earned money.

✗ 3. His father told him that he could not allow you to waste his hard-earned money.

✓ 4. His father told him that he could not allow him to waste his hard-earned money.

Question ID : **6549788445**
Status : **Answered**
Chosen Option : **4**

Q.18 **Select the most appropriate ANTONYM of the given word.**

CORROBORATE

Ans
✗ 1. validate
✓ 2. oppose
✗ 3. verify
✗ 4. confirm

Question ID : **6549788458**
Status : **Answered**
Chosen Option : **2**

Q.19 **Select the most appropriate option to fill in the blank.**

During the tsunami, my family took _____ in a guest house on the hill.

Ans
✗ 1. harbour
✗ 2. protection
✗ 3. retreat
✓ 4. refuge

Question ID : **6549788468**
Status : **Answered**
Chosen Option : **4**

Q.20 **Select the INCORRECTLY spelt word.**

Ans
✗ 1. Encourage
✗ 2. Stimulate
✓ 3. Manepulation
✗ 4. Creditable

Question ID : **6549787149**
Status : **Answered**
Chosen Option : **3**

Comprehension:

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

The Bhojeshwar Temple is an incomplete Hindu temple in Bhojpur village of Madhya Pradesh, India. The temple's construction is (1) _____ to have started in the 11th century, (2) _____ the reign of the Paramara king, Bhoja. The (3) _____ was abandoned for unknown reasons, with the architectural plans (4) _____ on the surrounding rocks. To understand the construction (5) _____ of 11th-century India, the unfinished materials and the masons' marks have been studied by scholars.

SubQuestion No : 21

Q.21 **Select the most appropriate option to fill in blank no. 1.**

Ans
✗ 1. alleged
✗ 2. understood
✓ 3. believed
✗ 4. trusted

Question ID : **6549787136**
Status : **Answered**
Chosen Option : **3**

Comprehension:

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

The Bhojeshwar Temple is an incomplete Hindu temple in Bhojpur village of Madhya Pradesh, India. The temple's construction is (1) _____ to have started in the 11th century, (2) _____ the reign of the Paramara king, Bhoja. The (3) _____ was abandoned for unknown reasons, with the architectural plans (4) _____ on the surrounding rocks. To understand the construction (5) _____ of 11th-century India, the unfinished materials and the masons' marks have been studied by scholars.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank no. 2.

Ans

✔ 1. during

✘ 2. throughout

✘ 3. among

✘ 4. through

Question ID : **6549787137**
Status : **Answered**
Chosen Option : **1**

Comprehension:

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

The Bhojeshwar Temple is an incomplete Hindu temple in Bhojpur village of Madhya Pradesh, India. The temple's construction is (1) _____ to have started in the 11th century, (2) _____ the reign of the Paramara king, Bhoja. The (3) _____ was abandoned for unknown reasons, with the architectural plans (4) _____ on the surrounding rocks. To understand the construction (5) _____ of 11th-century India, the unfinished materials and the masons' marks have been studied by scholars.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank no. 3.

Ans

✘ 1. creation

✘ 2. composition

✘ 3. production

✔ 4. construction

Question ID : **6549787138**
Status : **Answered**
Chosen Option : **4**

Comprehension:

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

The Bhojeshwar Temple is an incomplete Hindu temple in Bhojpur village of Madhya Pradesh, India. The temple's construction is (1) _____ to have started in the 11th century, (2) _____ the reign of the Paramara king, Bhoja. The (3) _____ was abandoned for unknown reasons, with the architectural plans (4) _____ on the surrounding rocks. To understand the construction (5) _____ of 11th-century India, the unfinished materials and the masons' marks have been studied by scholars.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank no. 4.

Ans

✗ 1. pressed

✗ 2. scratched

✗ 3. decorated

✓ 4. engraved

Question ID : **6549787139**
Status : **Answered**
Chosen Option : **4**

Comprehension:

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

The Bhojeshwar Temple is an incomplete Hindu temple in Bhojpur village of Madhya Pradesh, India. The temple's construction is (1) _____ to have started in the 11th century, (2) _____ the reign of the Paramara king, Bhoja. The (3) _____ was abandoned for unknown reasons, with the architectural plans (4) _____ on the surrounding rocks. To understand the construction (5) _____ of 11th-century India, the unfinished materials and the masons' marks have been studied by scholars.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank no. 5.

Ans

✓ 1. techniques

✗ 2. fashions

✗ 3. manners

✗ 4. orders

Question ID : **6549787140**
Status : **Answered**
Chosen Option : **1**

Section : **General Intelligence**

Q.1 Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Peripheral
2. Presence
3. Peninsula
4. Produce
5. Prevent

Ans

✗ 1. 1, 3, 2, 5, 4

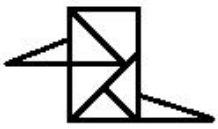
✗ 2. 3, 1, 2, 4, 5

✓ 3. 3, 1, 2, 5, 4

✗ 4. 3, 1, 5, 2, 4

Question ID : **6549788477**
Status : **Answered**
Chosen Option : **3**

Q.2 How many triangles are there in the figure given below?



Ans

✔ 1. 8

✘ 2. 10

✘ 3. 7

✘ 4. 9

Question ID : **6549788490**
Status : **Answered**
Chosen Option : **1**

Q.3 **In a code language, if TERMINAL is written as 401036261828224, then how will AUDITORY be written in the same language?**

Ans

✘ 1. 24282018301850

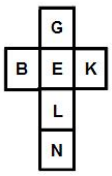
✘ 2. 24461840323652

✔ 3. 24281840303650

✘ 4. 22180940303625

Question ID : **6549788479**
Status : **Answered**
Chosen Option : **3**

Q.4 Which letter will be on the face opposite to the face showing 'N' when the given sheet is folded to form a cube?



Ans

✘ 1. L

✔ 2. E

✘ 3. K

✘ 4. G

Question ID : **6549788488**
Status : **Answered**
Chosen Option : **2**

Q.5 **Select the word-pair in which the two words are related in the same way as are the two words in the following word-pair.**

Doctor : Cardiologist

Ans
- ✔ 1. Engineer : Chemical Engineer
- ✘ 2. Teacher : Education
- ✘ 3. Surgeon : Operation
- ✘ 4. Nurse : Injection

Question ID : **6549788484**
Status : **Answered**
Chosen Option : **1**

Q.6 **Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number.**

5 : 50 : : 6 : ? : : 12 : 288

Ans
- ✘ 1. 64
- ✘ 2. 82
- ✔ 3. 72
- ✘ 4. 92

Question ID : **6549788472**
Status : **Answered**
Chosen Option : **3**

Q.7 **In a certain code language, SUPER is written as IVKFH. How will LOFTY be written in that language?**

Ans
- ✘ 1. BGVOL
- ✔ 2. BGULO
- ✘ 3. BHYMO
- ✘ 4. DFULO

Question ID : **6549787165**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.8 **Select the option that is related to the third term in the same way as the second term is related to the first term.**

PLASTIC : ALPSCIT :: FESTIVE : ?

Ans
- ✘ 1. FESTEVI
- ✘ 2. SETFEIV
- ✘ 3. SFETVEI
- ✔ 4. SEFTEVI

Question ID : **6549787167**
Status : **Answered**
Chosen Option : **4**

Q.9 **Select the option in which the numbers in the set share the same relationship as that shared by the numbers of the given set.**

(5, 8, 338)

Ans

✗ 1. (7, 9, 445)

✗ 2. (9, 7, 256)

✗ 3. (14, 7, 441)

✓ 4. (11, 8, 722)

Question ID : **6549788474**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.10 **Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.**

Statements:

All cartoons are boxes.
No box is a pen.
Some cartoons are locks.

Conclusions:
I. Some boxes are locks.
II. No pen is a cartoon.
III. No pen is a lock.

Ans

✓ 1. Both conclusions I and II follow.

✗ 2. Only conclusion II follows.

✗ 3. Both conclusions I and III follow.

✗ 4. Only conclusion I follows.

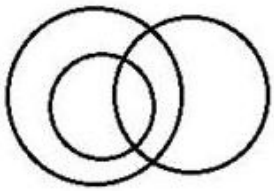
Question ID : **6549787174**
Status : **Answered**
Chosen Option : **2**

Q.11 Which of the following Venn diagrams best represents the relationship among the following classes?

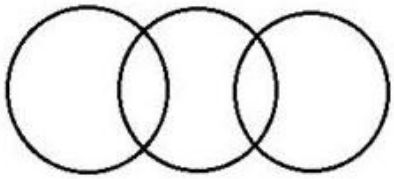
Students, Brothers, Males

Ans

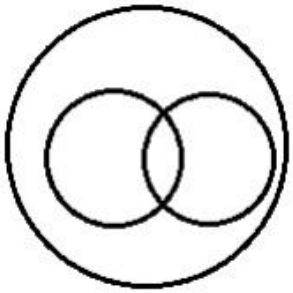
✔ 1.



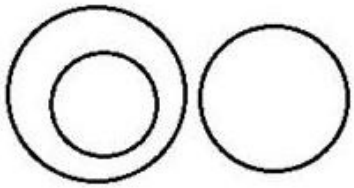
✘ 2.



✘ 3.



✘ 4.



Question ID : **6549788494**
Status : **Answered**
Chosen Option : **2**

Q.12 **Select the number from among the given options that can replace the question mark (?) in the following series.**

12, 15, 75, ?, 738, 749

Ans

✘ 1. 90

✘ 2. 259

✔ 3. 82

✘ 4. 155

Question ID : **6549787162**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.13 **Three of the following four letter-clusters are alike in a certain way and one is different. Select the odd one.**

Ans

✗ 1. TAH

✗ 2. LSZ

✓ 3. OUD

✗ 4. ZGN

Question ID : **6549788485**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.14 **Introducing Raveena, Nitish said, "She is the maternal grandmother of my sister's son". How is Raveena related to Nitish?**

Ans

✗ 1. Sister-in-law

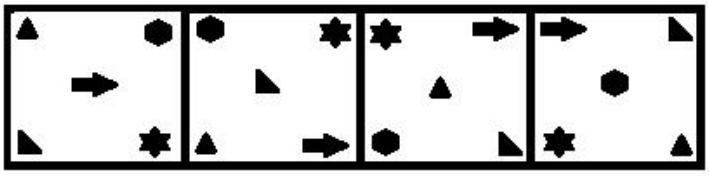
✗ 2. Maternal aunt

✗ 3. Mother-in-law

✓ 4. Mother

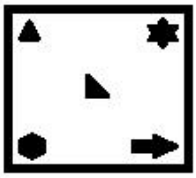
Question ID : **6549786362**
Status : **Answered**
Chosen Option : **4**

Q.15 Select the figure that will come next in the following figure series.

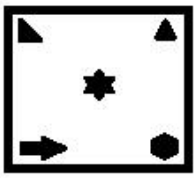


Ans

✗ 1.



✓ 2.



✗ 3.

✗ 4.

Question ID : **6549788489**
Status : **Answered**
Chosen Option : **2**

Q.16 **Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the one that is different.**

Ans

✗ 1. 13 : 143

✓ 2. 11 : 111

✗ 3. 12 : 120

✗ 4. 18 : 288

Question ID : **6549788476**
Status : **Answered**
Chosen Option : **2**

Q.17 Select the option that is embedded in the given figure (rotation is NOT allowed).

Ans

✗ 1.

✗ 2.

✓ 3.

✗ 4.

Question ID : **6549787178**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.18 **Select the option in which the numbers are related in the same way as are the numbers of the following set.**

(11, 12, 264)

Ans

✗ 1. (20, 17, 480)

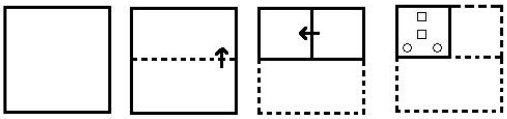
✓ 2. (16, 18, 576)

✗ 3. (14, 17, 338)

✗ 4. (15, 19, 456)

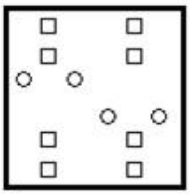
Question ID : **6549787160**
Status : **Not Answered**
Chosen Option : **--**

Q.19 The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?

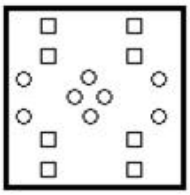


Ans

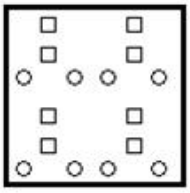
✗ 1.



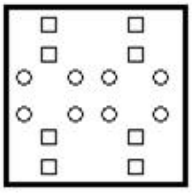
✗ 2.



✗ 3.



✓ 4.



Question ID : **6549787179**
Status : **Answered**
Chosen Option : **4**

Q.20 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

Y _ B P _ _ A _ P K _ A B _ K Y _ B P K

Ans

✗ 1. A K Y B Y P K

✗ 2. Y A K B Y P A

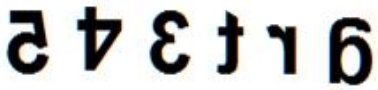
✗ 3. A K A Y K P A

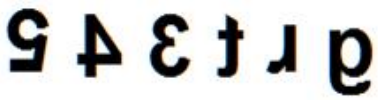
✓ 4. A K Y B Y P A

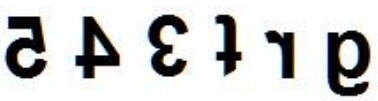
Question ID : **6549787674**
Status : **Answered**
Chosen Option : **4**

Q.21 Select the correct mirror image of the given combination when the mirror is placed at MN as shown.

Ans

✗ 1. 

✗ 2. 

✗ 3. 

✓ 4.

Question ID : **6549787180**
Status : **Answered**
Chosen Option : **4**

Q.22 **Select the option that is related to the third word in the same way as the second word is related to the first word.**

Allow : Forbid :: Bragging : ?

Ans

✗ 1. Swagger

✓ 2. Modesty

✗ 3. Boast

✗ 4. Sensitive

Question ID : **6549787168**
Status : **Answered**
Chosen Option : **2**

Q.23 **Select the correct combination of mathematical signs that can sequentially replace the * signs and balance the given equation.**

64 * 16 * 22 * 11 * 5 * 70

Ans

✗ 1. ×, +, –, ÷, =

✗ 2. –, +, ÷, ×, =

✓ 3. +, –, ÷, ×, =

✗ 4. ×, –, +, ÷, =

Question ID : **6549787158**
Status : **Answered**
Chosen Option : **3**

Q.24 **Four words have been given, out of which three are alike in some manner and one is different. Select the odd one.**

Ans

✗ 1. Candela

✗ 2. Kelvin

✗ 3. Ampere

✓ 4. Luminosity

Question ID : **6549787173**
Status : **Answered**
Chosen Option : **4**

Q.25 **Kritika had ₹21,450 with her. She spent 16% of this amount on conveyance. Then, she spent 50% of the remaining amount on ration. Then, she spent ₹991 on internet expenses. How many rupees is left with her now?**

Ans

✗ 1. ₹8,640

✗ 2. ₹4,520

✗ 3. ₹9,852

✓ 4. ₹8,018

Question ID : **6549788470**
Status : **Answered**
Chosen Option : **4**

Section : **Quantitative Aptitude**

Q.1 Study the given pie charts and answer the question that follows.

The pie charts show the distribution of students of graduate and postgraduate levels in five different institutes P, Q, R, S and T in a town.

(i) Total number of students of graduate level in five different institutes = 12400

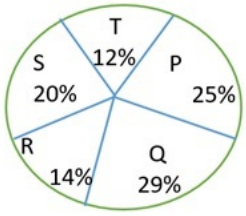


Fig.(i)

(ii) Total number of students of postgraduate level in five different institutes = 8000

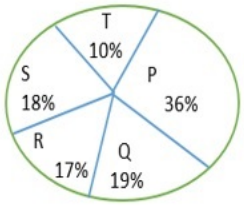


Fig.(ii)

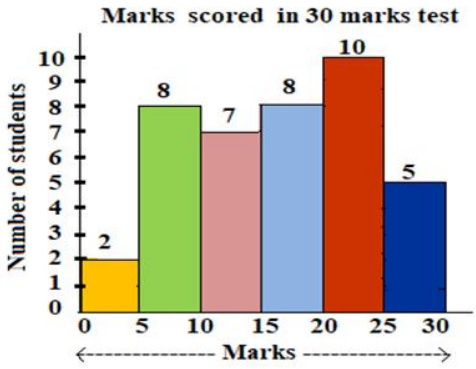
The ratio of the number of students of graduate level in Institutes P and S together to that of postgraduate level in institutes P and S is:

Ans

1. 31 : 23
2. 31 : 24
3. 33 : 25
4. 28 : 25

Question ID : **6549787306**
Status : **Answered**
Chosen Option : **2**

Q.2 The given histogram shows the marks scored by 40 students in a test of maximum 30 marks.



What is the percentage of students who scored less than 50% marks?

Ans

1. 17
2. 42.5
3. 25
4. 62.5

Question ID : **6549788519**
Status : **Answered**
Chosen Option : **1**

Q.3 The value of $\frac{12.5+\frac{4}{7}of56-12}{(207\div23\times4.5)-21\frac{1}{3}\times\left(\frac{1}{4}+\frac{1}{8}\right)}$ is:

Ans

✔ 1. 1

✘ 2. 5

✘ 3. 4

✘ 4. 2

Question ID : **6549787199**
Status : **Answered**
Chosen Option : **1**

Q.4 The average of the numbers a, b, c and d is 2d + 4. Also, the averages of the numbers a and b; b and c; c and d are 8, 5 and 4, respectively. If e = a + d + 1, then what is the average of the numbers d and e?

Ans

✘ 1. 7

✘ 2. 8.5

✘ 3. 3

✔ 4. 8

Question ID : **6549788498**
Status : **Answered**
Chosen Option : **4**

Q.5 The side BC of a triangle ABC is extended to a point D. If $\angle ACD = 117°$ and $\angle ABC = \frac{5}{8}\angle BAC$, then what is the measure of $\angle ABC$?

Ans

✘ 1. 36°

✔ 2. 45°

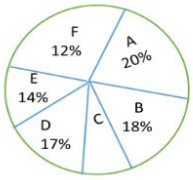
✘ 3. 54°

✘ 4. 72°

Question ID : **6549788506**
Status : **Answered**
Chosen Option : **2**

Q.6 Study the given pie chart and table and answer the question that follows.

The pie chart represents the percentage-wise distribution of 300 students of class X in a school in six different sections A, B, C, D, E and F.



The table shows the number of boys of class X in six different sections A, B, C, D, E and F.

Section	A	B	C	D	E	F
No. of boys	36	26	34	28	_____	20

The difference between the central angles of the sectors corresponding to the sections A and F is:

Ans

✗ 1. $28.4°$

✗ 2. $38.8°$

✓ 3. $28.8°$

✗ 4. $26.8°$

Question ID : **6549787203**
Status : **Answered**
Chosen Option : **3**

Q.7 What number should be subtracted from $4(sin^4 60° + cos^4 30°) - (tan^2 45° - cot^2 30°) + cos^2 45° - \text{cosec}^2 45° + sec^2 60°$ to get 2?

Ans

✗ 1. 5

✓ 2. 7

✗ 3. 4

✗ 4. 3

Question ID : **6549788514**
Status : **Answered**
Chosen Option : **2**

Q.8 A merchant announces 25% discount on the price of a shirt. If one needs to have a total rebate of ₹875 and the price of each shirt is ₹250, then how many shirts should the person purchase?

Ans

✓ 1. 14

✗ 2. 15

✗ 3. 12

✗ 4. 9

Question ID : **6549787186**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.9 Solve the following equation.

$\theta : 2\cos^2\theta + (4+\sqrt{3})\sin\theta - 2(1+\sqrt{3}) = 0$ where θ is an acute angle.

Ans

✔ 1. $60°$

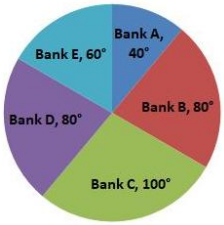
✗ 2. $45°$

✗ 3. $15°$

✗ 4. $30°$

Question ID : **6549787202**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.10 The given pie chart shows the distribution of money spent by Aditya through credit cards of different banks A, B, C, D and E. The total money spent by him through credit cards in a year is ₹3,60,000.



What is his combined spending through credit cards of bank A and bank C?

Ans

✗ 1. ₹1,00,000

✗ 2. ₹60,000

✔ 3. ₹1,40,000

✗ 4. ₹1,80,000

Question ID : **6549788517**
Status : **Answered**
Chosen Option : **3**

Q.11 If $k - \frac{3}{k} = 5$, then what is the value of $k^2 + \frac{9}{k^2}$?

Ans

✗ 1. 19

✗ 2. 25

✗ 3. 11

✔ 4. 31

Question ID : **6549788508**
Status : **Answered**
Chosen Option : **4**

Q.12 A circle touches all four sides of a quadrilateral PQRS. If PQ = 11 cm, QR = 12 cm and PS = 8 cm, then what is the length of RS?

Ans

✗ 1. 7.3 cm

✗ 2. 15 cm

✗ 3. 7 cm

✔ 4. 9 cm

Question ID : **6549788504**
Status : **Answered**
Chosen Option : **4**

Q.13 A person moved from place A for place B at 2 p.m. at a speed of 4.5 km/h, stayed at place B for 1.5 hours and returned to place A at a speed of 6 km/h. He came back to place A at 7 p.m. What is the distance between places A and B (in km)?

Ans

✔ 1. 9

✘ 2. $9\frac{6}{11}$

✘ 3. $8\frac{1}{3}$

✘ 4. $8\frac{2}{5}$

Question ID : **6549788496**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.14 In an examination of 180 marks of a subject, 75% marks are allocated for theory and the rest for project work. Veena scored 60% in theory. What percentage of marks must she score in the project to achieve an overall 62% marks in the subject?

Ans

✘ 1. 64

✔ 2. 68

✘ 3. 65

✘ 4. 66

Question ID : **6549788500**
Status : **Answered**
Chosen Option : **2**

Q.15 If $a^2 + b^2 + c^2 + 170 = 2(8a + 5b - 9c)$, then the value of $\sqrt{4a + 8b - c}$ will be:

Ans

✘ 1. 15

✘ 2. 8

✔ 3. 9

✘ 4. 12

Question ID : **6549787196**
Status : **Answered**
Chosen Option : **3**

Q.16 If $\frac{3\sqrt{3}\sec\theta + 4\tan\theta}{3\tan\theta + \sqrt{3}\sec\theta} = 2$, $0° < \theta < 90°$, then the value of $\cos\theta$ will be:

Ans

✘ 1. $\frac{1}{4}$

✘ 2. $\frac{\sqrt{3}}{2}$

✘ 3. $\frac{1}{\sqrt{2}}$

✔ 4. $\frac{1}{2}$

Question ID : **6549787200**
Status : **Answered**
Chosen Option : **4**

Q.17 A sum of money amounts to ₹28,224 in 2 years and to ₹29,635.20 in 3 years when invested on compound interest, compounded annually. What is the sum of money?

Ans

1. ✗ ₹26,000
2. ✗ ₹26,095
3. ✓ ₹25,600
4. ✗ ₹26,880

Question ID : **6549788503**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.18 If the number 583p2310q2 is divisible by 11, then what is the value of p × q, where p > q?

Ans

1. ✗ 4
2. ✗ 6
3. ✓ 0
4. ✗ 2

Question ID : **6549788511**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.19 If 4p = 6q = 9r, then p : q : r is equal to:

Ans

1. ✗ 15 : 13 : 10
2. ✓ 9 : 6 : 4
3. ✗ 16 : 36 : 81
4. ✗ 4 : 6 : 9

Question ID : **6549788502**
Status : **Answered**
Chosen Option : **2**

Q.20 A man buys 400 oranges for ₹2,000. How many oranges can be sold for ₹260 so that he gets a profit of 30%?

Ans

1. ✓ 40
2. ✗ 45
3. ✗ 30
4. ✗ 35

Question ID : **6549787188**
Status : **Answered**
Chosen Option : **1**

Q.21 P, Q and R are three points on the circumference of a circle such that QR is a diameter and PQ = PR. If the radius of the circle is 7 cm, then the length of PQ is:

Ans

✗ 1. 7 cm

✗ 2. $7\sqrt{3}$ cm

✗ 3. $14\sqrt{2}$ cm

✓ 4. $7\sqrt{2}$ cm

Question ID : **6549787192**
Status : **Answered**
Chosen Option : **4**

Q.22 A can do a work in $7\frac{1}{2}$ hours and B can do the same work in $10\frac{1}{2}$ hours. If they work together for $3\frac{1}{2}$ hours, then what part of the work will be left out?

Ans

✗ 1. $\frac{2}{5}$

✓ 2. $\frac{1}{5}$

✗ 3. $\frac{4}{5}$

✗ 4. $\frac{3}{5}$

Question ID : **6549787182**
Status : **Answered**
Chosen Option : **2**

Q.23 If $x^3 + y^3 = 468$ and $x + y = 12$, then the value of $x^4 + y^4$ will be:

Ans

✗ 1. 3025

✓ 2. 3026

✗ 3. 2036

✗ 4. 3620

Question ID : **6549787197**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.24 The perimeter and the area of a rectangular sheet are 42 m and 108 m^2, respectively. The length of the diagonal is:

Ans

✗ 1. 14 m

✗ 2. 10 m

✓ 3. 15 m

✗ 4. 12 m

Question ID : **6549787184**
Status : **Answered**
Chosen Option : **3**

Q.25 How many isosceles triangles with integer sides are possible such that the sum of two of the sides is 16 cm?

Ans

✗ 1. 9

✗ 2. 18

✓ 3. 24

✗ 4. 15

Question ID : **6549787194**
Status : **Not Answered**
Chosen Option : **--**

Section : **General Awareness**

Q.1 **With which of the following musical instruments was the musician Bismillah Khan associated?**

Ans

✗ 1. Sitar

✗ 2. Bansuri

✗ 3. Harmonium

✓ 4. Shehnai

Question ID : **6549788522**
Status : **Answered**
Chosen Option : **4**

Q.2 **Which of the following languages is an example of fourth generation language in computer programming?**

Ans

✗ 1. ALGOL

✗ 2. Pascal

✗ 3. SNOBOL

✓ 4. SQL

Question ID : **6549787208**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.3 **As of the financial year 2017-18, which of the following was the largest jowar producing state in India?**

Ans

✗ 1. Bihar

✗ 2. Assam

✓ 3. Maharashtra

✗ 4. Punjab

Question ID : **6549788534**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.4 **Which of the following nations 'unintentionally' shot down a Ukrainian Boeing 737-800 passenger aircraft in January 2020?**

Ans

✗ 1. China

✓ 2. Iran

✗ 3. North Korea

✗ 4. The US

Question ID : **6549788525**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.5 **As of January 2021, how many Olympic medals did India win in the sport of weightlifting?**

Ans

✓ 1. One

✗ 2. Four

✗ 3. Two

✗ 4. Three

Question ID : **6549788544**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.6 **Which of the following statements regarding the functioning of Rajya Sabha is correct?**

Ans

✓ 1. Rajya Sabha is not subject to dissolution.

✗ 2. Rajya Sabha is dissolved after the assent of the President of India.

✗ 3. Rajya Sabha is dissolved after the dissolution of the Lok Sabha.

✗ 4. Rajya Sabha is dissolved every second year.

Question ID : **6549788540**
Status : **Answered**
Chosen Option : **1**

Q.7 **What is a leaf-shaped flap of cartilage located behind the tongue, at the top of the larynx or voice box called?**

Ans

✓ 1. Epiglottis

✗ 2. Jejunum

✗ 3. Ileum

✗ 4. Gallbladder

Question ID : **6549787218**
Status : **Answered**
Chosen Option : **1**

Q.8 **Tiny pores present on the surface of leaves are known as:**

Ans

✓ 1. stomata

✗ 2. nucleus

✗ 3. cytoplasm

✗ 4. mitochondria

Question ID : **6549788530**
Status : **Answered**
Chosen Option : **1**

Q.9 **Which is the outermost layer of the Himalayan?**

Ans
✗ 1. Greater Himalayas
✗ 2. Trans Himalayas
✓ 3. Shivalik Hills
✗ 4. Lesser Himalayas

Question ID : **6549787220**
Status : **Answered**
Chosen Option : **3**

Q.10 **Who among the following won Poland's Presidential Election held on 12 July 2020?**

Ans
✓ 1. Andrzej Duda
✗ 2. Rafal Trzaskowski
✗ 3. Piotr Glinski
✗ 4. Szymon Hołownia

Question ID : **6549788524**
Status : **Not Answered**
Chosen Option : **--**

Q.11 **Who is the author of the book 'Hit Refresh'?**

Ans
✗ 1. Jagmohan Bhanver
✗ 2. Aishwarya Rai
✗ 3. Kazi Nazrul Islam
✓ 4. Satya Nadella

Question ID : **6549787225**
Status : **Answered**
Chosen Option : **4**

Q.12 **In which of the following Articles of the Constitution of India is right to property mentioned?**

Ans
✓ 1. Article 300 A
✗ 2. Article 300 B
✗ 3. Article 301 A
✗ 4. Article 301 B

Question ID : **6549787228**
Status : **Answered**
Chosen Option : **1**

Q.13 **Prabhavati Gupta, the Queen Regent of the Vakataka empire, was the daughter of Kuberanaga and _____.**

Ans
✗ 1. Skandagupta
✗ 2. Kumaragupta
✗ 3. Chandragupta I
✓ 4. Chandragupta II

Question ID : **6549787223**
Status : **Answered**
Chosen Option : **4**

Q.14 What was the outcome of the Gandhi-Irwin Pact of 1931?

Ans

✗ 1. Bhagat Singh, Rajguru and Sukhdev were to be given a fair trial.

✓ 2. Indian National Congress agreed to end the Civil Disobedience Movement.

✗ 3. Indian provincial elections were announced.

✗ 4. Indian National Congress agreed on a peaceful partition of Bengal.

Question ID : **6549788537**
Status : **Not Answered**
Chosen Option : **--**

Q.15 Who has become the first Woman DGP of Kerala?

Ans

✗ 1. Rani Rampal

✗ 2. Jahanbi Phookan

✗ 3. Sangita Reddy

✓ 4. R Sreelekha

Question ID : **6549787213**
Status : **Not Answered**
Chosen Option : **--**

Q.16 India's first gold medal at Commonwealth Games 2018 was won by:

Ans

✓ 1. Mirabai Chanu

✗ 2. Vikas Gowda

✗ 3. Sini Jose

✗ 4. Deepak Lather

Question ID : **6549788542**
Status : **Not Answered**
Chosen Option : **--**

Q.17 Which of the following channels or straits is located between the Great Nicobar Island and Indonesia's Sumatra Island?

Ans

✗ 1. Palk Strait

✓ 2. Grand channel

✗ 3. 9 degree channel

✗ 4. 10 degree channel

Question ID : **6549787219**
Status : **Not Answered**
Chosen Option : **--**

Q.18 Who among the following was awarded the 55th Jnanpith Award?

Ans

✗ 1. Raghuveer Chaudhari

✗ 2. Amitav Ghosh

✓ 3. Akkitham Achuthan Namboothiri

✗ 4. Chandrashekhara Kambara

Question ID : **6549788539**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.19 Where is the Kudremukh iron ore mine located?

Ans
- ✗ 1. Odisha
- ✗ 2. Andhra Pradesh
- ✗ 3. Bihar
- ✓ 4. Karnataka

Question ID : **6549788535**
Status : **Not Answered**
Chosen Option : **--**

Q.20 Which type of malware is a program or piece of code that is loaded onto a person's computer without his knowledge and runs against his wishes?

Ans
- ✗ 1. phishing
- ✓ 2. computer virus
- ✗ 3. trojan horse
- ✗ 4. adware

Question ID : **6549788520**
Status : **Not Answered**
Chosen Option : **--**

Q.21 Which of the following states has accorded industry status to sports?

Ans
- ✗ 1. Assam
- ✓ 2. Mizoram
- ✗ 3. Manipur
- ✗ 4. Bihar

Question ID : **6549787230**
Status : **Not Answered**
Chosen Option : **--**

Q.22 Cytology is related to the study of:

Ans
- ✗ 1. bacteria
- ✗ 2. plants
- ✓ 3. cells
- ✗ 4. fungus

Question ID : **6549787216**
Status : **Answered**
Chosen Option : **3**

Q.23 Who among the following was NOT a Nayanar saint?

Ans
- ✗ 1. Sundarar
- ✗ 2. Sambandar
- ✗ 3. Appar
- ✓ 4. Andal

Question ID : **6549787210**
Status : **Not Answered**
Chosen Option : **--**

Q.24 What was the estimation for the fiscal deficit in the financial year 2019-20?

Ans

✗ 1. 3.6% of GDP

✗ 2. 3.2% of GDP

✗ 3. 3.1% of GDP

✓ 4. 3.3% of GDP

Question ID : **6549787215**
Status : **Not Answered**
Chosen Option : **--**

Q.25 Which of the following government schemes was launched with the objective of achieving inclusive growth, by developing the skills and productive capacity of the rural youth from poor families?

Ans

✓ 1. Deen Dayal Upadhyaya Grameen Kaushalya Yojana (DDUGKY)

✗ 2. Mission Indradhanush

✗ 3. Deen Dayal Upadhyaya Gram Jyoti Yojana (DDUGJY)

✗ 4. Pandit Deendayal Upadhyay Shramev Jayate Yojana (PDUSJY)

Question ID : **6549788527**
Status : **Not Answered**
Chosen Option : **--**